ABSTRACT OF THE DISCLOSURE

Host computing systems with the ability to efficiently identify the Infiniband^{tm} (IB) addressing parameters corresponding to Fibre Channel I/O devices that are accessible through IB-to-Fibre Channel adapters. An efficient means is described to store the IB addressing parameters pertaining to individual Fibre Channel I/O devices on a subnet administration database, and an efficient mechanism to recover from the database, the IB addressing parameters corresponding to all physical paths by which a desired Fibre Channel I/O device is accessible.